

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,993,068 B1

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APPLICATION NO. : 09/686031

DATED : January 31, 2006

INVENTOR(S) : Mikael Isaksson, Lennart Olsson and Denis Julien Gilles Mestdagh

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5.

Line 10, should read -- Network Unit (VTU-O), using the time offset is --.

Line 15, should read -- step of, when an auto-correlation peak amplitude of a --.

Column 6.

Line 12, should read -- of the first modem pair of the plurality of modem pairs to receive the first DMT --.

Line 32, should read -- modem pair of the plurality of modem pairs based on --.

This certificate supersedes the Certificate of Correction issued April 4, 2006.

Signed and Sealed this
Ninth Day of October, 2012



David J. Kappos
Director of the United States Patent and Trademark Office